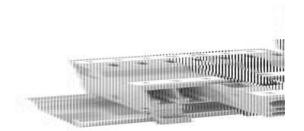


## PLUG-IN CONNECTION SYSTEM - ZST

ZRKS, ZSTK

3668.3 ZSTK 2.5/1A/1S-H/Z/B/15, Horizontal coupling plug with housing pegs, no foot, Orange, TS15

- Wire connection type: tension-spring connection
- Versatile mounting on TS15, TS35 or as free coupling
- Ratings 500 V, 24 A
- Touch-safe construction



*PCONTACLIP* 

## PRODUCT DESCRIPTION

The plug-in connection system ZST is a plug-in system that allows you to achieve a rated current up to 24 A with a rated voltage up to 500 V.

The terminals and the pluggable connectors have a touch-safe design and can be configured easily and combined according to the particular needs of your application.

The basic terminals and connectors can also be coded to make sure the correct plug is mated with the correct socket, when using multiple sets.

All plugs & base terminals have the option of additional snap-on locking latches and strain relief mechanism to ensure that the connected wire and plugs are firmly secured

The ZSTK 2.5 couplings are available as rail-mounted version (for TS15 and TS35) or as a free coupling.

## **TECHNICAL DATA**

**GENERAL DATA** 

Length40 mmWidth5.1 mmHeight TS 15/5.533 mmHeight32 mm		
Rated voltage IEC500 VRated current IEC24 AMountingT5 15Rated impulse voltage6kVOvervoltage categoryIIIOrtamination degree3ApprovalsUL, CSA, CSA US, CUL, KEMA KUR, EACDIMENSIONS51 mmHeight TS 15/5.533 mmHeight TS 15/5.532 mmNumber of levels1Number of levels1Number of levels0Number of levels0Consection single wire from0Cross section stranded wire from0.5 mm²Cross section stranded wire from0.5 mm² <th>Rated wire cross section</th> <th>2.5 mm²</th>	Rated wire cross section	2.5 mm²
Rade current EC24AMountingTS 15MountingSS 16Rade impulse voltage6 kVOvervoltage categoryIIIOrtamination degree3ApprovalU. CSA CASA US, CUL, KEMA KUR, EACDINENSIONSVIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Colour	Orange
MountingTS 15Rated impulse voltage6 KVOvervoltage categoryIIIOutamination degree3AprovalsUL CSA, CSA US, CUL, KEMA KUR, EACDINENSIONSStateLength40 mmWidth51 mmHeight TS 15/5.533 mmCONNECTION DATAStateConnections1Number of levels1Number of levels30Number of levels0Cross section single wire from0.5 mm²Cross section stranded with ferrule form0.5 mm²	Rated voltage IEC	500 V
Rated impulse voltage6 kVRated impulse voltage categoryIIIOvervoltage categoryIIIContamination degree3ApprovalsU. CSA. CSA US, GUL, KEMA KUR, EACDIMENSIONSViethLength40mmWith5.1 mmHeight TS 15/5.533mmCONNECTION DATAViethConnections1Number of levels1Number of levels0Number of text pick off options0Consection single wire from0.5 mm²Cross section stranded with ferrule form0.5 mm²Cross section stranded with ferrule tom0.5 mm²Cross section stranded with ferrule tom0.5 mm²Consection stranded with ferrule tom0.5 mm²Cross section stranded with ferrule tom0.5 mm²Consection stranded with ferrule tom0.5 mm²Cross section stranded with ferrule tom0.5 mm²<	Rated current IEC	24 A
Overvoltage categoryIIIContamination degree3ApprovalsU, CSA, CSA US, CML, KEMA KUR, EACApprovalsU, CSA, CSA US, CML, KEMA KUR, EACDIMENSIONSAmmWidth6.1 mmWidth5.1 mmHeight TS 15/5.533 mmHeight2 mmCONNECTION DATA1Number of levels1Number of levels0Ross connect channels0Number of test pick off options1Cross section single wire from0.5 mm²Cross section stranded with ferrule form0.5 mm²Cross section stranded with fe	Mounting	TS 15
Contamination degree3ApprovalsUL, CSA, CSA, US, cUL, KEMA, KUR, EACApprovalsUL, CSA, CSA, US, cUL, KEMA, KUR, EACDINENSIONS40mmLength40mmVidith5.1 mmHeight TS 15/5.033 mmHeight TS 15/5.032 mmCONNECTION DATA1Connections1Plug gauge acc. EN 60 947-13Number of levels0Number of text pick off options1Consection single wire from0.5 mm²Consection single wire from0.5 mm²Consection stranded with form0.5 mm²Cross section stranded with ferrule from0.5 mm²Consection stranded with ferrule form0.5 mm²<	Rated impulse voltage	6 kV
Approvals Approvals UL, CSA, CSA, US, CUL, KEMA, KUR, EAC UL, CSA, CSA, US, CUL, KEMA, KUR, EAC UL UL CONSECTION Ion	Overvoltage category	III
DMENSIONS     Length   40 mm     Width   5.1 mm     Height TS 15/5.5   33 mm     Height   32 mm     CONNECTION DATA   1     Connections   1     Number of levels   1     Plug gauge acc. EN 60 947-1   A3     Cross connect channels   0     Number of text pick off options   1     Cross section single wire from   0.5 mm <sup>2</sup> Cross section single wire from   0.5 mm <sup>2</sup> Cross section stranded with ferrule from   0.5 mm <sup>2</sup> Cross section stranded with ferrule from   0.5 mm <sup>2</sup> Cross section stranded with ferrule from   0.5 mm <sup>2</sup> Rate wire cross section form (AWW)   20	Contamination degree	3
Length40 mmWith5.1 mmHeight TS 15/5.033 mmHeight TS 15/5.032 mmCONNECTION DATA1Connections1Number of levels1Number of levels0Forss connect channels0Number of test pick off options1Cross section single wire form0.5 mm²Cross section stranded wire from0.5 mm²Cross section stranded with ferrule from0.5 mm²Rated with cross section form (AWW)0.5 mm²Cross section stranded with ferrule from0.5 mm²Cross section form (AWW)0.5 mm²Cross section form (AWW)	Approvals	UL, CSA, CSA US, cUL, KEMA KUR, EAC
With5.1 mmHeight TS 15/5.533 mmHeight32 mmCONNECTION DATA1Connections1Number of levels1Plug gauge acc. EN 60 947-1A3Conse connect channels0Number of test pick off options1Cross section single wire from0.5 mm²Cross section single wire from0.5 mm²Cross section stranded wire from <th>DIMENSIONS</th> <th></th>	DIMENSIONS	
Height TS 15/5.533 mmHeight TS 15/5.533 mmHeight TS 15/5.632 mmHeight TS 15/5.732 mmHeight TS 15/5.732 mmHeight TS 15/5.71CONNECTION DATA1Connections1Number of levels1Plug gauge acc. EN 60 947-1A3Cross connect channels0Number of test pick off options1Cross section single wire from0.5 mm²Cross section single wire from0.5 mm²Cross section stranded wire from0.5 mm²Cross s	Length	40 mm
Height32 nmCONNECTION DATAIConnections1Number of levels1Plug gauge acc. EN 60 947-1A3Cross connect channels0Number of test pick off options1Cross section single wire from0.5 nm²Cross section single wire to4.1Cross section stranded wire from0.5 nm²Cross section stranded wire from0.5 nm² <tr< th=""><th>Width</th><th>5.1 mm</th></tr<>	Width	5.1 mm
CONNECTION DATAConnections1Number of levels1Plug gauge acc. EN 60 947-1A3Cross connect channels0Number of test pick off options1Cross section single wire from0.5 mm²Cross section single wire from0.5 mm²Cross section stranded with ferrule form0.5 mm²Cross section stranded with ferrule form<	Height TS 15/5.5	33 mm
Connections1Number of levels1Plug gauge acc. EN 60 947-1A3Cross connect channels0Number of test pick off options1Cross section single wire from0.5 mm²Cross section single wire from0.5 mm²Cross section stranded with ferrule for0.5 mm²Cross section for (AWG)0.5 mm²	Height	32 mm
Number of levels1Plug gauge acc. EN 60 947-1A3Cross connect channels0Number of test pick off options1Cross section single wire from0.5 mm²Cross section single wire from0.5 mm²Cross section stranded wire from0.	CONNECTION DATA	
Plug gauge acc. EN 60 947-1A3Cross connect channels0Number of test pick off options1Cross section single wire from0.5 mm²Cross section stranded with ferrule from0.5 mm²Cross section from (AWG)0.0	Connections	1
Cross connect channels0Number of test pick off options1Cross section single wire from0.5 mm²Cross section single wire to4 mm²Cross section stranded wire from0.5 mm²Cross section stranded wire to4 mm²Cross section stranded wire to0.5 mm²Cross section stranded wire to0.5 mm²Cross section stranded with ferrule from0.5 mm²Cross section stranded with ferrule from0.5 mm²Cross section stranded with ferrule from0.5 mm²Cross section stranded with ferrule to2.5 mm²Cross section stranded with ferrule to2.0	Number of levels	1
Number of test pick off options1Cross section single wire from0.5 mm²Cross section single wire to4 mm²Cross section stranded wire from0.5 mm²Cross section stranded wire to4 mm²Cross section stranded with ferrule from0.5 mm²Cross section stranded with ferrule from0.5 mm²Rated wire cross section from (AWG)20	Plug gauge acc. EN 60 947-1	A3
Cross section single wire from0.5 mm²Cross section single wire to4 mm²Cross section stranded wire from0.5 mm²Cross section stranded wire to4 mm²Cross section stranded with ferrule from0.5 mm²Cross section stranded with ferrule to2.5 mm²Rated wire cross section from (AWG)20	Cross connect channels	0
Cross section single wire to4 mm²Cross section stranded wire from0.5 mm²Cross section stranded wire to4 mm²Cross section stranded with ferrule from0.5 mm²Cross section stranded with ferrule from0.5 mm²Rated wire cross section from (AWG)20	Number of test pick off options	1
Cross section stranded wire from0.5 mm²Cross section stranded wire to4 mm²Cross section stranded with ferrule from0.5 mm²Cross section stranded with ferrule to2.5 mm²Rated wire cross section from (AWG)20	Cross section single wire from	0.5 mm²
Cross section stranded wire to4 mm²Cross section stranded with ferrule from0.5 mm²Cross section stranded with ferrule to2.5 mm²Rated wire cross section from (AWG)20	Cross section single wire to	4 mm <sup>2</sup>
Cross section stranded with ferrule from   0.5 mm²     Cross section stranded with ferrule to   2.5 mm²     Rated wire cross section from (AWG)   20	Cross section stranded wire from	0.5 mm²
Cross section stranded with ferrule to 2.5 mm²   Rated wire cross section from (AWG) 20	Cross section stranded wire to	4 mm <sup>2</sup>
Rated wire cross section from (AWG) 20	Cross section stranded with ferrule from	0.5 mm²
	Cross section stranded with ferrule to	2.5 mm <sup>2</sup>
Rated wire cross section to (AWG) 12	Rated wire cross section from (AWG)	20
	Rated wire cross section to (AWG)	12

## MATERIALS

Stripping length

Insulation material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-40 °C

10 mm

Operating temperature to	120 °C
APPROVALS	
Rated voltage UL	300 V
Rated current UL	20 A
UL test standard	UL 1059
Rated voltage CSA	300 V
Rated current CSA	20 A
CSA test standard	C22.2 No 158
Rated voltage CSAus	300 V
Rated current CSAus	20 A
CSAus test standard	UL 1059
Rated voltage cUL	300 V
Rated current cUL	20 A
cUL test standard	C22.2 No 158
EAC test standard	TR ZU 004/2011
KEMA KEUR test standard	EN 60947-7-1:2009
ADDITIONAL DATA	
Taulff and	05200040

Tariff code	85369010
Country of origin	CZ
Weight	4.25 g
Pack size	100

